

ABSTRACT

A process for production of a modified carbon black,
at a cheaper cost, for rubber reinforcement having the
5 superior tan δ temperature dependency of silica and an
excellent abrasion resistance and further having no
problems arising due to a low electrical conductivity is
provided.

In the process for production of a modified carbon
10 black for rubber reinforcement wherein, in the step of
granulating the carbon black, a water-dispersed silica is
added to the carbon black, the granulating is performed
by a granulator and a process of production of a rubber
composition containing a surface-treated carbon black for
15 rubber reinforcement comprising coagulating, with a
coagulating agent, a mixture of (a) 100 parts by weight,
as a solid content, of a diene rubber component and (b)
10 to 250 parts by weight, as a solid content, of a
slurry containing a carbon black for rubber reinforcement
20 or (b') 10 to 250 parts by weight of a modified carbon
black produced by the above method.